

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	114	"MIMO" and ((taps or coefficients) same (impulse adj1 response) same filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 12:55
L2	124	"MIMO" and ((taps or coefficients or weights) same (impulse adj1 response) same filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 12:55
L3	63	L2 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:00
L4	19	L2 and (maximiz\$4 near4 ("SNR" or (signal adj2 noise adj2 ratio)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:01
L5	1	"6314147".pn. and (impulse adj1 response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 12:57
L6	1	L5 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:00
L7	63	L2 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:07
L8	65	L2 and ("SNR" or (signal adj2 noise adj2 ratio) or "SINR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:57
L9	2	("20050105646").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/23 14:51
L10	131	((scal\$4 or updat\$4) near4 taps) with (different\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 14:53
L11	1	L10 and "MIMO"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 14:52

## EAST Search History

L12	2	L10 and "MMSE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 14:52
L13	2	(scal\$4 near4 taps) same "MMSE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 14:54
L14	17	(scal\$4 near4 taps) and "MMSE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/23 14:54
S1	6	("6108517" "6452981" "6466616"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 18:44
S2	8	((("20020110205") or ("20020176492") or ("20030035491") or ("20030063596"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 18:50
S3	1	(Arslan.in. or Hafeez.in.) and ("MIMO" same taps same (impulse adj1 response))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 18:51
S4	73	"MIMO" and (taps same (impulse adj1 response))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 18:52
S5	13	375/346-350.ccls. and "MIMO" and (taps same (impulse adj1 response))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 18:52
S6	124	"MIMO" and ((taps or coefficients or weights) same (impulse adj1 response) same filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:16
S7	29	S6 and (("SNR" or (signal adj2 noise adj2 ratio)) same (taps or weights or coefficients))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:11
S8	29	S6 and (("SNR" or (signal adj2 noise adj2 ratio)) same (taps or weights or coefficients)) and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:03
S9	266	((("SNR" or (signal adj2 noise adj2 ratio)) near4 (taps or weights or coefficients)) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:07

## EAST Search History

S10	7	S9 and "MIMO"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:05
S11	2	("6922434").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 19:05
S12	15	((("SNR" or (signal adj2 noise adj2 ratio)) near4 (taps)) same filter\$4 same (impulse adj1 response))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:20
S13	19	S6 and ((("SNR" or (signal adj2 noise adj2 ratio)) with maximiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:13
S14	19	S6 and ((("SNR" or (signal adj2 noise adj2 ratio)) with maximiz\$4) and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:13
S15	42	((taps or coefficients or weights) same (impulse adj1 response) same filter\$4) and (undesired near4 (taps or coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:18
S16	22	((taps or coefficients or weights) same (impulse adj1 response) same filter\$4) and (undesired near2 (taps or coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:19
S17	9360	((taps or coefficients or weights) same (impulse adj1 response) same filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:19
S18	249	S17 and ((("SNR" or (signal adj2 noise adj2 ratio)) same (filter\$4 near3 noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:22
S19	83	S17 and ((("SNR" or (signal adj2 noise adj2 ratio)) same (filter\$4 near3 noise) same (taps or weights or coefficients))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:21
S20	1	S19 and "MIMO"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:21
S21	83	S19 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:37

## EAST Search History

S22	74	S17 and ((maximiz\$4 near3 ("SNR" or (signal adj2 noise adj2 ratio))) same (taps or coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:40
S23	74	S17 and ((maximiz\$4 near3 ("SNR" or (signal adj2 noise adj2 ratio))) same (taps or coefficients or weights)) and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:40